

**Plant Species list of Erua Conservation Area and Mangamingi stream (Grid ref. NZMS 260. S20 064117, Conservation Unit number 60097)**

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**Vegetation Description**

Podocarp – Tawa

Podocarp – kamahi

Podocarp (kahikatea – rimu – matai) on river terrace

**Abundance Key**

Species abundance was quantified subjectively using the following abundance key.

r = rare

u = uncommon

o = occasional

l = local

c = common and lc = locally common

a = abundant and la = locally abundant

\* = adventive

MMS = Mangamingi stream

**Gymnosperm trees**

**MMS**

<i>Dacrycarpus dacrydioides</i>	kahikatea	lc
<i>Dacrydium cupressinum</i>	rimu	a
<i>Podocarpus hallii</i>	Halls totara	u
<i>Prumnopitys ferruginea</i>	miro	c
<i>Prumnopitys taxifolia</i>	matai	a

**Monocot trees and shrubs**

<i>Cordyline australis</i>	cabbage tree	u
<i>Cordyline banksii</i>	forest cabbage tree	u
<i>Cordyline indivisa</i>	mountain cabbage tree	u

**Dicot trees**

<i>Aristotelia serrata</i>	wineberry, makomako	u
<i>Beilschmiedia tawa</i>	tawa	a
<i>Carpodetus serratus</i>	putaputaweta	a
<i>Elaeocarpus dentatus</i>	hinau	c
<i>Elaeocarpus hookerianus</i>	pokaka	o

<i>Fuchsia excorticata</i>	kotukutuku	o
<i>Griselinia littoralis</i>	broadleaf	c
<i>Hedycarya arborea</i>	porokaiwhiri	u
<i>Leptospermum scoparium</i>	manuka	u
<i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i>	mahoe	a
<i>Metrosideros robusta</i>	rata	lc
<i>Myrsine australis</i>	maupo	u
<i>Nestegis cunninghamii</i>	black maire	c
<i>Nestegis lanceolata</i>	white maire	o
<i>Olearia rani</i>	heketara	l
<i>Pennantia corymbosa</i>	kaikomako	l
<i>Pittosporum eugenioides</i>	lemonwood	c
<i>Pseudopanax arboreus</i>	fivefinger	u
<i>Schefflera digitata</i>	pate	lc
<i>Weinmannia racemosa</i>	kamahi	c

### **Dicot shrubs**

<i>Alseuosmia turneri</i>		l
<i>Coprosma colensoi</i>		u
<i>Coprosma lucida</i>	karamu	lc
<i>Coprosma rhamnoides</i>		l
<i>Coprosma robusta</i>	karamu	u
<i>Coprosma</i> sp. t: “ <i>taylorae</i> ” (Eagle, 1982)		o
<i>Coprosma tenuifolia</i>		lc
<i>Brachyglottis repanda</i>	rangiora	u
<i>Gaultheria paniculata</i>		lc
<i>Geniostoma rupestre</i>	hangehange	u
<i>Leucopogon fasciculatus</i>	mingimingi	lc
<i>Melicope simplex</i>		o
<i>Neomyrtus pedunculatus</i>		o
<i>Parahebe catarractae</i>		u
<i>Pittosporum kirkii</i> <sup>1</sup>		
<i>Pseudowintera axillaris</i>	horopito	lc
<i>Pseudowintera colorata</i>	horopito	lc
<i>Streblus heterophyllus</i>	small-leave milk tree	o

### **Dicot lianes**

<i>Clematis paniculata</i>	white clematis	o
<i>Clematis forsteri</i>		o
<i>Metrosideros diffusa</i>	climbing rata	c
<i>Metrosideros perforata</i>	climbing rata	u
<i>Muehlenbeckia australis</i>	pohuehue	o
<i>Parsonia capsularis</i>	native jasmine	o
<i>Ripogonum scandens</i>	supple-jack	c
<i>Rubus cissoides</i>	bush lawyer	c

<sup>1</sup> *Pittosporum kirkii* was found as an epiphyte on a miro tree (CHR 313025) by I. Armitage Sept, 1976. Approximately NZMS 260 122178 (was N111 850740).

## Lycopods and fern allies

<i>Lycopodium volubile</i>	clubmoss	lc
<i>Lycopodium varium</i>	clubmoss	l

## Mosses

*Dawsonia superba*

## Ferns

<i>Adiantum cunninghamii</i>	maiden-hair fern	u
<i>Asplenium bulbiferum</i>	hen and chicken fern	c
<i>Asplenium flaccidum</i>	hanging spleenwort	c
<i>Asplenium hookerianum</i>		lc
<i>Asplenium polyodon</i>	sickle leaved spleenwort	lc
<i>Blechnum chambersii</i>		c
<i>Blechnum colensoi</i>		lc
<i>Blechnum discolor</i>	crown fern	a
<i>Blechnum fluviatile</i>		
<i>Blechnum procerum</i>		
<i>Blechnum vulcanicum</i>		
<i>Ctenopteris heterophylla</i>		
<i>Cyathea dealbata</i>	silver fern, ponga	c
<i>Cyathea medullaris</i>	mamaku	o
<i>Cyathea smithii</i>	katote	a
<i>Dicksonia fibrosa</i>	wheki-ponga	c
<i>Dicksonia squarrosa</i>	wheki	c
<i>Grammitis billardieri</i>		
<i>Histiopteris incisa</i>	waterfern	lc
<i>Hymenophyllum demissum</i>	irirangi	l
<i>Hymenophyllum dilatatum</i>		o
<i>Hymenophyllum flabellatum</i>		o
<i>Hymenophyllum multifidum</i>		o
<i>Hymenophyllum scabrum</i>		o
<i>Lastreopsis glabella</i>		c
<i>Leptopteris hymenophylloides</i>		c
<i>Leptopteris superba</i>	Prince of wales fern	c
<i>Lindsaea trichomanoides</i>		l
<i>Paesia scaberula</i>	lacefern	u
<i>Phymatosorus pustulatus</i>	hounds tongue	lc
<i>Pneumatopteris pennigera</i>		o
<i>Pteridium esculentum</i>	bracken	o
<i>Pyrrosia eleagnifolia</i>	leather leaf fern	o
<i>Trichomanes reniforme</i>	kidney fern	c
<i>Sticherus cunninghamii</i>		l

## **Orchids**

<i>Chiloglottis cornuta</i>		o
<i>Corybas macranthus</i>		lc
<i>Corybas trilobus</i>		
<i>Dendrobium cunninghamii</i>		o
<i>Earina autumnalis</i>		l
<i>Earina mucronata</i>		l
<i>Pterostylis banksii</i>	green-hooded orchid	

## **Grasses**

* <i>Agrostis stolonifera</i>	creeping bent	u
* <i>Anthoxanthum odoratum</i>	sweet vernal	u
<i>Cortaderia fulvida</i>	toetoe	u
<i>Deyeuxia avenacea</i>		u
<i>Dichelachne crinata</i>	plume grass	u
* <i>Holcus lanatus</i>	brown top	u
<i>Microlaena avenacea</i>	bush rice grass	c
<i>Poa anceps</i>	broad leaved poa	lc

## **Rushes and sedges**

<i>Isolepis habra</i>		u
<i>Juncus gregiflorus</i>		u
<i>Juncus planifolius</i>		u
<i>Machaerina sinclarii</i>		lc

## **Monocot herbs**

<i>Astelia fragrans</i>	bush lily	o
<i>Astelia solandri</i>	bush lily	o
<i>Collospermum microspermum</i>		lc
<i>Dianella nigra</i>	turutu	u

## **Composite herbs**

<i>Anaphalis kerienne</i>	ever-lasting daisy	lc
<i>Anaphalis subrigidum</i>	ever-lasting daisy	u
* <i>Cirsium arvense</i>	Californian thistle	lc
* <i>Cirsium palustre</i>	marsh thistle	o
* <i>Cirsium vulgare</i>	Scotch thistle	lc
<i>Gnaphalium audax</i>	cudweed	u
<i>Helichrysum bellidioides</i>	hells bells	lc
<i>Hydrocotyle moschata</i>	hydrocotyle	o
<i>Hydrocotyle novae-zelandiae</i>	hydrocotyle	o
* <i>Mycelis muralis</i>	wall lettuce	o
<i>Pseudognaphalium luteoalbum</i>	jersey cudweed	u
* <i>Senecio jacobaea</i>	ragwort	u

<i>Senecio minimus</i>	fireweed	c
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**Dicot herbs**

<i>Cardamine debilis</i> agg.		
* <i>Digitalis purpurea</i>	foxglove	lc
<i>Epilobium rotundifolium</i>	willow herb	o
<i>Gunnera prorepens</i>		u
<i>Jovellana repens</i>		u
<i>Lemna</i> spp.	duck weed	u
<i>Lotus pedunculatus</i>	lotus	lc
<i>Lotus suaveolens</i>	lotus	lc
<i>Nertera depressa</i>		o
<i>Nertera dichondrifolia</i>		o
<i>Oxalis magellanica</i>	oxalis	o
<i>Pratia angulata</i>	pratia	o
* <i>Prunella vulgaris</i>	selfheal	lc
<i>Ranunculus reflexus</i>	bush buttercup	lc
* <i>Ranunculus repens</i>	buttercup	o
<i>Urtica incisa</i>	bush nettle	lc